| Index | c of Cla | aims |
|-------|----------|------|
| | | |

| App | lication | /Control | No. |
|-----|----------|----------|-----|
|-----|----------|----------|-----|

10/727,276

Examiner

JONES ET AL. Art Unit

Applicant(s)/Patent under Reexamination

Matthew J. Ludwig

2178

| √ | Rejected |
|----------|----------|
| = | Allowed |

(Through numeral) Cancelled

÷

Restricted

| N | Non-Elected |
|---|-------------|
| | |

Interference

| A | Appeal |
|---|----------|
| 0 | Objected |

| | | _ | • | | | | • | | | |
|-------|----------------------------------|----------------------------|--|--|--|----------|----------|--|--|----------|
| Cla | aim | l | | | [| Date | : B | | | |
| Final | Original | 11/9/07 | | | | | | | | |
| | | 1 | | _ | H | | ┝ | - | | _ |
| | 2 3 | 1 | | | | | - | | | |
| | 3 | 1 | | | | | | | | |
| | 4 | 1 | | | \Box | | | | | |
| | <u>4</u> 5 | | | | | | | | | |
| | 6 | 1 | | | | | | | | |
| | 7 | 777 | | _ | | | | | | |
| | 8 | | | _ | <u> </u> | | | | | |
| | 9 | 1 | | <u> </u> | <u> </u> | | | <u> </u> | <u> </u> | |
| | 10 | 1 | | <u> </u> | _ | | _ | _ | _ | _ |
| | 11 | 1 | <u> </u> | - | <u> </u> | | <u> </u> | <u> </u> | <u> </u> | |
| | 12 | ,/ | - | - | <u> </u> | | ⊢ | ⊢ | | |
| | 14 | J | \vdash | \vdash | \vdash | - | \vdash | - | - | |
| | 12 13 14 15 16 17 | 7 7 7 7 7 7 | | \vdash | \vdash | | \vdash | \vdash | | H |
| | 16 | v | | \vdash | \vdash | | \vdash | \vdash | | |
| | 17 | 1 | | | | | | | | |
| | 18 | 1 | | _ | | | | \vdash | | |
| | 18 19 | 1 | | | | | | | | |
| | 20 | Ī | | | | | | | | |
| | 21 | | | | | | | | | |
| | 21 22 | | | | | | | | | |
| | 23 24 25 | | | | | | | | | |
| | 24 | | _ | L | | | <u></u> | | | - |
| | 25 | | <u> </u> | <u> </u> | | <u> </u> | <u> </u> | <u> </u> | _ | |
| | 26 27 | | <u> </u> | ļ | | <u> </u> | | | _ | _ |
| | 27 | _ | <u> </u> | <u> </u> | _ | | <u> </u> | | <u> </u> | _ |
| | 28 | | | ├ | | <u> </u> | <u> </u> | _ | - | |
| | 29 30 31 | - | \vdash | <u> </u> | | - | H | | | _ |
| | 31 | - | ┝ | ├ | | ├─ | | - | | |
| | 32 | | \vdash | \vdash | \vdash | \vdash | ┢╌ | - | \vdash | |
| | 33 | | | ┢ | \vdash | \vdash | \vdash | | \vdash | <u> </u> |
| | 34 | - | \vdash | \vdash | | Н | \vdash | \vdash | | |
| | 34 35 | | | Г | Г | Г | Т | | Г | |
| | 36 | | | | | | | | | |
| | 37 | | | | | | | | | |
| | 38 | | | | | | | | | |
| | 39 | | L_ | L | | L | _ | L | | |
| | 40 | 1_ | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | ļ, | <u> </u> | |
| | 41 | _ | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | 1_ | <u> </u> | <u> </u> |
| | 42 | | | <u> </u> | | <u> </u> | <u> </u> | | \vdash | _ |
| | 43 | | - | ├ | | - | ├- | | | |
| - | 44 45 | 65 = 6 | | | | - | - | | | 7. 1 |
| | 46 | - | - | - | - | | - | - | - | |
| | 47 | \vdash | \vdash | | \vdash | ├ | \vdash | | \vdash | — |
| - | 48 | | - | \vdash | _ | \vdash | \vdash | 一 | | |
| | 49 | | 1 | | \vdash | H | | | | |
| - | 50 | \vdash | \vdash | Т | Т | Т | <u> </u> | i | | Г |

| Cla | aim | Γ | | | | Date | | | | | 1 | Γ |
|---------------|----------------|--|----------|----------|----------|--------------|--------------|--------------|----------|--------------|---|----------|
| | | | | | Г | | П | | | | 1 | |
| Finat | Original | | | | | | | | | | | |
| | 51 | | | | | | | | \Box | | | Г |
| | 52 | Г | | | | | | | | | 1 | Г |
| | 52 53 | | | | | | | | | | | Γ |
| | 54 | | | | | | | | | | ļ | |
| | 55 | | | | | | | | | | | Ĺ |
| | 56 | | | | | | | | | | | L |
| | 57 | | L | | | | | | | <u> </u> | Į | L |
| | 58 | <u> </u> | | _ | _ | L_ | | | L | <u> </u> | Į | L |
| | 59 | <u> </u> | <u> </u> | <u> </u> | _ | _ | | | _ | <u> </u> | Į | L |
| | 60 61 | - | - | | | <u> </u> | - | _ | <u> </u> | <u> </u> | ļ | ┞ |
| - | 62 | _ | | - | | | - | | - | | | H |
| | 63 | - | | - | - | ⊢ | - | | _ | ┢ | l | H |
| | 64 | \vdash | | _ | | - | | _ | - | - | | ┝ |
| | 65 | | | _ | \vdash | ┢ | | | - | \vdash | ĺ | H |
| | 66 | \vdash | \vdash | | \vdash | | Г | | \vdash | | | r |
| | 67 | Г | | _ | | | | | | | | Г |
| | 68 | | | | | | | | Г | | | Γ |
| | 69 | | | | | | | | | | | |
| | 70 | | | | | | | | | | | E |
| | 71 72 73 | L | | | | | | | | | | L |
| | 72 | | <u> </u> | <u> </u> | | <u> </u> | | | | | 1 | L |
| | 73 | <u> </u> | L | <u> </u> | <u> </u> | | | <u> </u> | _ | <u> </u> | ļ | L |
| | 74 75 | ├- | | _ | - | _ | _ | | | <u> </u> | 1 | L |
| | 76 | ⊢ | - | \vdash | - | ⊢ | - | - | ├ | | 1 | \vdash |
| | 77 | - | ┝ | \vdash | ├ | - | | \vdash | | - | ł | ┝ |
| | 78 | | \vdash | \vdash | 一 | \vdash | | \vdash | _ | 一 | 1 | H |
| | 79 | T | \vdash | | <u> </u> | | | _ | | _ | 1 | ۲ |
| | 80 | | | | | | | | | | 1 | Γ |
| | 81 | | | | | | | | | | | |
| | 82 83 | | | | | | | | | | | |
| | 83 | <u> </u> | <u> </u> | | <u> </u> | | L | | <u> </u> | L_ | | L |
| | 84 | ! | <u> </u> | <u> </u> | \vdash | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | ł | L |
| - | 85 | - | ⊢ | \vdash | \vdash | <u> </u> | | <u> </u> | <u> </u> | <u> </u> | ł | H |
| | 86 87 | - | - | - | - | - | - | | ├— | ├ | ł | \vdash |
| - | 88 | | ┢ | \vdash | \vdash | \vdash | - | <u> </u> | \vdash | - | 1 | \vdash |
| | 89 | Н | 一 | Н | \vdash | Н | Н | \vdash | 一 | \vdash | 1 | H |
| | 90 | | <u> </u> | \vdash | \vdash | l – | | | - | | 1 | r |
| | 91 | | l | | | | | | | | 1 | T |
| | 92 | | | | | | | | | | | Γ |
| | 93 | 匚 | L | | | | | | | 匚 | | Ĺ |
| | 94 | _ | _ | _ | | _ | _ | | _ | | | L |
| | 95 | _ | | OF E | | | | # C) | | _ | | L |
| | 96 | \vdash | \vdash | \vdash | _ | \vdash | \vdash | _ | _ | | | 1 |
| - | 97 98 | ┝ | _ | \vdash | _ | _ | | _ | _ | | 1 | H |
| \vdash | 99 | \vdash | \vdash | \vdash | \vdash | \vdash | \vdash | \vdash | - | \vdash | | \vdash |
| | 100 | T | | | | | | | | | 1 | H |
| $\overline{}$ | | _ | | | _ | | | | _ | | , | _ |

| Cli | Claim Date | | | | | | | | | |
|---------|---------------------------------|----------|----------|----------|----------|----------|----------|--|------------|----------|
| | | | | | | | | | | П |
| <u></u> | Original | | | | l | | • | | | |
| Final | Ē | | | | | | | | | |
| " | ō | | | | | | | | | |
| | | _ | _ | - | - | _ | | _ | _ | \vdash |
| | 101 | _ | | <u> </u> | _ | | _ | _ | _ | \vdash |
| | 102 103 | | | _ | _ | | _ | _ | _ | |
| | 103 | | _ | _ | _ | _ | _ | L | _ | <u> </u> |
| | 104 | | | _ | _ | _ | _ | L | <u> </u> | Ш |
| | 105 | | | <u> </u> | | _ | | | | |
| | 106 | | | | | | | | L | Ш |
| | 107 | | | $oxed{}$ | | _ | | _ | _ | Ш |
| | 108 109 | | | | | L. | | L | L | Щ |
| | 109 | | | | | | | | L | |
| | 110 | | | | | | | L | | Ш |
| | 111 | | | | | | | | | |
| | 112 | | | Ĺ | | | | L | | |
| | 113 | | | | | | | | | |
| | 114 | | | | | | | | | |
| | 115 | | | | | | | | | |
| | 116 | Γ | | | | | | Г | | П |
| | 117 | | | | Г | | | | | П |
| | 118 | | | | | | | | | П |
| , | 119 | | | _ | | | | | | |
| | 120 | | | | | | | | | |
| | 119 120 121 | | | \vdash | | | | | | П |
| | 122 | | | | | | | | | П |
| | 123 | | | | _ | | | | | |
| | 124 | | | Т | \vdash | | | \vdash | | |
| | 122 123 124 125 126 | | | _ | | | | | | П |
| | 126 | | | | Г | | | | Г | П |
| | 127 128 129 | | | Г | Г | | | | Г | П |
| | 128 | | | _ | | | | | | |
| | 129 | | | Г | Г | | | Π | \Box | П |
| | 130 | | | | | | | | Г | |
| | 130 131 | | | | | | | | | П |
| | 132 | | | Г | Г | | | | _ | |
| | 133 | | | | | | | | | П |
| | 133 134 135 | | | | Г | | | | Г | П |
| | 135 | | | | | | | | | П |
| | 136 | | | | | | | | | П |
| | 136 137 | | | | Г | | | | | П |
| | 138 | Г | | | | | | Г | | П |
| | 138 139 | | | Г | | | | · | | П |
| | 140 | П | | | Г | | \Box | | | П |
| | 141 | | <u> </u> | | | | | | | \Box |
| | 142 | \vdash | \Box | \vdash | | | Г | \vdash | | П |
| | 143 | Т | | \vdash | Т | | Г | \vdash | | П |
| | 144 | | _ | | | | | | | П |
| | 145 | | | 19.7 | | 91.21 | | U Z | 11.1 | |
| | 146 | _ | \vdash | Г | ┢ | | | | | М |
| | 147 | \vdash | | \vdash | | \vdash | \vdash | | Н | Н |
| | 148 | Т | | \vdash | Г | | | | | Н |
| | 149 | - | | _ | \vdash | _ | | _ | - - | |
| | 150 | Г | | | Г | | | | | П |
| | | | | | | | | | | |